

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

The following listing of claims replaces all prior listings of claims in this application.

1. (Currently Amended) A method for managing open grid service architecture (OGSA) services comprising:

- establishing an open grid service infrastructure (OGSI) instance including an OGSA container;

- establishing an OGSA service and an OGSA service descriptor including an OGSA container attribute needed for said OGSA service;

- deploying said OGSA service to said OGSI instance;

- comparing said OGSA container attribute to a characteristic of said OGSA container;

- supporting said OGSA service on said OGSA container when said attribute matches said characteristic;

- reconfiguring said OGSA container when said attribute does not match said characteristic to support said OGSA service; and

- generating an error message when said reconfiguring of said OGSA container is not possible.

2. – 3. (Canceled)

4. (Original) The method of claim 1 further comprising:
providing a user interface for managing OGSI instances, said user interface
providing a tool for creating an OGSI instance for supporting OGSA services.
5. (Original) The method of claim 4 wherein:
said creating said OGSI instance includes identifying a port of a grid resource to
support said OGSI instance.
6. (Original) The method of claim 1 further comprising:
providing a user interface for said deploying said OGSA service, said user
interface including a tool for undeploying said OGSA service.
7. (Currently Amended) A system for managing open grid service architecture (OGSA)
services comprising:
an administrator system establishing an open grid service infrastructure (OGSI)
instance including an OGSA container;
a grid network coupled to said administrator system;
a grid resource coupled to said grid network;
said administrator system establishing an OGSA service and an OGSA service
descriptor including an OGSA container attribute needed for said OGSA service;
said administrator system deploying said OGSA service to said OGSI instance;
said grid resource comparing said OGSA container attribute to a characteristic of
said OGSA container;
said grid resource supporting said OGSA service on said OGSA container when
said attribute matches said characteristic;
said grid resource reconfiguring said OGSA container when said attribute does
not match said characteristic to support said OGSA service; and
said grid resource generating an error message when said reconfiguring of said
OGSA container is not possible.

8. – 9. (Canceled)

POU920030123US1
1B2-0032

10. (Original) The system of claim 7 further comprising:

said administrator system providing a user interface for managing OGSI instances, said user interface providing a tool for creating an OGSI instance for supporting OGSA services.

11. (Original) The system of claim 10 wherein:

said creating said OGSI instance includes identifying a port of a grid resource to support said OGSI instance.

12. (Original) The system of claim 7 further comprising:

said administrator system providing a user interface for said deploying said OGSA service, said user interface including a tool for undeploying said OGSA service.

13. (Currently Amended) A computer-readable storage medium encoded with a machine-readable computer program code for managing open grid service architecture (OGSA) services, said medium including instructions for implementing:

establishing an open grid service infrastructure (OGSI) instance including an OGSA container;

establishing an OGSA service and an OGSA service descriptor including an OGSA container attribute needed for said OGSA service;

deploying said OGSA service to said OGSI instance;

comparing said OGSA container attribute to a characteristic of said OGSA container;

supporting said OGSA service on said OGSA container when said attribute matches said characteristic;

reconfiguring said OGSA container when said attribute does not match said characteristic to support said OGSA service; and

generating an error message when said reconfiguring of said OGSA container is not possible.

14. – 15. (Canceled)

16. (Previously Presented) The computer-readable storage medium of claim 13 further comprising instructions for implementing:

providing a user interface for managing OGSI instances, said user interface providing a tool for creating an OGSI instance for supporting OGSA services.

17. (Previously Presented) The computer-readable storage medium of claim 16 wherein:
said creating said OGSI instance includes identifying a port of a grid resource to support said OGSI instance.

18. (Previously Presented) The computer-readable storage medium of claim 13 further comprising instructions for implementing:

providing a user interface for said deploying said OGSA service, said user interface including a tool for undeploying said OGSA service.

19. (New) The method of claim 1 wherein:

said OGSA comprises a plurality of OGSI instances; and

each of the plurality of said OGSI instances maintains its own address space.

20. (New) The system of claim 7 wherein:

said OGSA comprises a plurality of OGSI instances; and

each of the plurality of said OGSI instances maintains its own address space.

21. (New) The computer-readable storage medium of claim 13 wherein:
said OGSA comprises a plurality of OGSi instances; and
each of the plurality of said OGSi instances maintains its own address space.

22. (New) The method of claim 1 wherein:
said establishing of said OGSi instance is facilitated by a wizard.

23. (New) The system of claim 7 wherein:
said establishing of said OGSi instance is facilitated by a wizard.

24. (New) The computer-readable storage medium of claim 13 wherein:
said establishing of said OGSi instance is facilitated by a wizard.